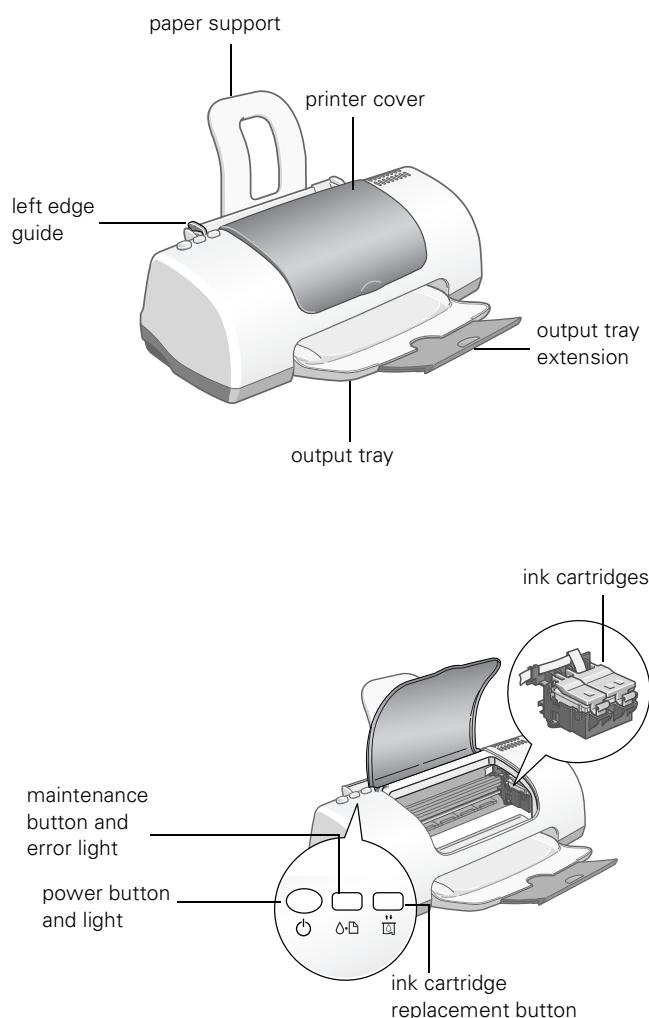


## Printer Parts



## Accessories

### Ink Cartridges

Cartridge	Part number
Black	T028201
Color	T029201

### User Replaceable Parts

Part name	Reference number	Part number
Paper support	103	1064865

## Media

EPSON paper name	Size	Part number
Premium Bright White Paper	Letter	S041586
360 dpi Ink Jet Paper	Letter A4	S041060 S041059
Photo Quality Ink Jet Paper	Letter A4 Legal	S041062 S041061 S041067
Photo Quality Ink Jet Cards	A6	S041054
Photo Paper	4 x 6 inches Letter - 20 sheets Letter - 500 sheets Letter - 100 sheets A4 Panoramic	S041134 S041141 S041272 S041271 S041140 S041145
Ink Jet Transparencies	Letter A4	S041064 S041063
Matte Paper - Heavyweight	Letter	S041257
Double-Sided Matte Paper	Letter	S041568
Premium Glossy Photo Paper	Letter	S041286
Premium Semigloss Photo Paper	Letter	S041334
Photo Quality Glossy Film	Letter A4 A6	S041072 S041071 S041107
Photo Quality Self Adhesive Sheets	A4	S041106
Iron-On Cool Peel Transfer Paper	Letter - 10 sheets Letter - 50 sheets	S041153 S041155
Glossy Photo Greeting Cards	Letter	S041267
Photo Stickers® Kit (CD-ROM/paper) Photo Stickers (refill)	A6 A6	S041144-KIT S041144

## Printer Specifications

### Printing

Printing method On-demand ink jet

Nozzle configuration

Black	144 nozzles
Color	144 nozzles (48 each: cyan, magenta, yellow)

Resolution Maximum 2880 dpi × 720 dpi

Print direction Bidirectional with logic seeking

Input buffer 32KB

## Mechanical

Paper feed method	Friction	
Paper path	Sheet feeder	top entry
Sheet feeder capacity	100 sheets of 17 lb (65.8 g/m <sup>2</sup> ) paper	
Dimensions		
Storage	Width: 18.9 inches (479.6 mm) Depth: 10.2 inches (259.6 mm) Height: 7.1 inches (181.2 mm)	
Printing	Width: 18.9 inches (479.6 mm) Depth: 17.7 inches (450.6 mm) Height: 10.7 inches (271.8 mm)	
Weight	7.5 lb (3.42 kg) without the ink cartridges	

## Electrical

Specification	120 V Model	220–240 V Model
Input voltage range*	99 to 132 V	198 to 264 V
Rated frequency range	50 to 60 Hz	
Input frequency range	49.5 to 60.5 Hz	
Rated current	0.4 A	0.2 A
Power consumption	Approx. 17 W (ISO 10561 Letter Pattern) Approx. 4 W in standby mode	Approx. 17 W (ISO10561 Letter Pattern) Approx. 4.5 W in standby mode

\* Check the label on the back of the printer for your printer's voltage.

## Environmental

### Temperature

Operation	50 to 95 °F (10 to 35 °C)
Storage*	–4 to 140 °F (–20 to 60 °C) 1 month at 104 °F (40 °C)
Transit*	–4 to 140 °F (–20 to 60 °C) 120 hours at 140 °F (60 °C)

### Humidity (without condensation)

Operation	20 to 80% RH
Storage*	5 to 85% RH

\*Stored in shipping container

## Safety Approvals

Safety standards UL 1950, CSA C22.2 No. 950

EMC FCC part 15 subpart B class B  
CSA C108.8 Class B

## Ink Cartridges

Specification	Black ink cartridge (T028201)	Color ink cartridge (T029201)
Color(s)	Black	Cyan, Magenta, Yellow
Print capacity*	600 pages, 5% in calculation, except for initial ink cartridge	300 pages, 5% each CMY (total 15%) in calculation, except for initial ink cartridge
Cartridge life	2 years from production date (if unopened) within 6 months after opening package, at 77 °F (25 °C)	
Storage temperature	–4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C)	
Transit temperature	–22 to 140 °F (–30 to 60 °C) 1 month at 104 °F (40 °C) 120 hours at 140 °F (60 °C)	
Freezing temperature**	3.2 °F (–16 °C)	–0.4 °F (–18 °C)
Dimensions	0.83 x 2.63 x 1.52 inches (W x D x H) 21.1 x 66.85 x 38.5 mm (W x D x H)	1.70 x 2.63 x 1.52 inches (W x D x H) 43.2 x 66.85 x 38.5 mm (W x D x H)

\* The figure given is based on continuous printing after ink replacement. The actual print capacity may vary. The ink charging process reduces the print capacity of the initial cartridge, even though it contains the standard amount of ink.

\*\* Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C).



To ensure good results, use genuine EPSON cartridges and do not refill them. Other products may cause damage to your printer not covered by EPSON's warranties.

Don't use an ink cartridge if the date on the package has expired.

## Paper

Paper type	Size	Paper types	Thickness	Weight
Single sheets	Letter (8.5 x 11 inches) Legal (8.5 x 14 inches) Half letter (statement, 5.5 x 8.5 inches) Executive (7.5 x 10 inches) A4 (210 x 297 mm) A5 (148 x 210 mm) A6 (105 x 148 mm)	Plain bond paper and special ink jet papers distributed by EPSON	0.003 to 0.004 inch (0.08 to 0.11 mm) for plain bond paper	17 to 24 lb (64 to 90 g/m <sup>2</sup> ) for plain bond paper
Transparencies, glossy film, glossy paper	Letter (8.5 x 11 inches) A4 (210 x 297 mm) A6 (105 x 148 mm; glossy film only)	Transparencies, glossy film, and glossy paper distributed by EPSON	—	—
Matte Paper - Heavyweight	Letter (8.5 x 11 inches)	Matte paper distributed by EPSON	—	—
Self-adhesive sheets	A4 (210 x 297 mm)	Self adhesive sheets distributed by EPSON	—	—
Envelopes	No. 10, 4.1 x 9.5 inches (104 x 241 mm) DL, 4.3 x 8.7 inches (110 x 220 mm) C6, 4.4 x 6.4 inches (114 x 162 mm)	Plain bond paper or air mail paper	0.006 to 0.02 inch (0.16 to 0.52 mm)	12 to 20 lb (45 to 75 g/m <sup>2</sup> )
Ink jet cards	A6 (105 x 148 mm)	Ink jet cards distributed by EPSON	—	—
Photo Paper	Letter (8.5 x 11 inches) A4 (210 x 297 mm) 4 x 6 inches (102 x 152 mm) Panoramic (210 x 594 mm)	Photo paper distributed by EPSON	—	—
Premium Glossy and Semigloss Photo Paper	Letter (8.5 x 11 inches) A4 (210 x 297 mm)	Premium Glossy Photo Paper or Premium Semigloss Photo Paper distributed by EPSON	—	—
Iron-On Cool Peel Transfer Paper	Letter (8.5 x 11 inches)	Transfer paper distributed by EPSON	—	—
Photo Stickers	A6 (105 x 148 mm), with 16 frames	Special paper distributed by EPSON	—	—



Always load paper into the sheet feeder short edge first, except for envelopes. Load envelopes flap edge first with the flap side down.

Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, EPSON cannot attest to the quality of any non-EPSON brand or type of paper. Always test samples of paper stock before purchasing large quantities or printing large jobs.

Poor quality paper may reduce print quality and cause paper jams and other problems. If you encounter problems, switch to a higher grade of paper.

Do not load curled or folded paper.

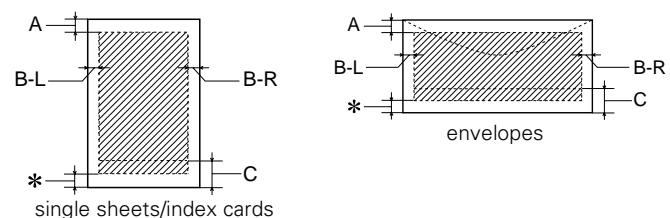
Use papers under these conditions:

Temperature: 59 to 77 °F (15 to 25 °C)  
Humidity: 40 to 60% RH

Store printouts on Photo Quality Glossy Film and Self Adhesive Sheets under these conditions:

Temperature: 59 to 86 °F (15 to 30 °C)  
Humidity: 20 to 60% RH

### Printable area



A: The minimum top margin is 0.12 inch (3.0 mm).

When loading multiple sheets of EPSON Photo Quality Glossy Film, the minimum top margin is 1.2 inches (30.0 mm).

B-L: The minimum left margin is 0.12 inch (3.0 mm).

B-R: The minimum right margin is 0.12 inch (3.0 mm) for all papers except DL and No. 10 envelopes:

DL envelopes: 0.28 inch (7.0 mm)

No. 10 envelopes: 1.10 inches (28.0 mm)

C: The minimum bottom margin is 0.55 inch (14.0 mm).

\* You can extend the minimum bottom margin to 0.12 inch (3.0 mm) by selecting Maximum as the Printable Area setting. However, print quality may decline in the expanded area.

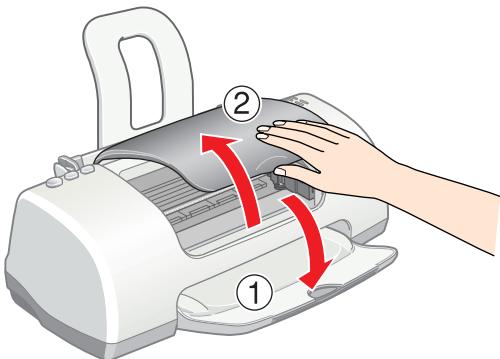
## Control Panel

To diagnose some problems, check the printer's control panel, as described below, or run a printer check (see page 5).

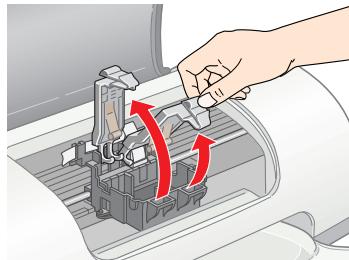
Lights	Explanation
Green  power light flashes	The printer is receiving a print job, replacing an ink cartridge, charging ink, or cleaning the print head.
Red  error light on	Your paper ran out, ink ran out, or paper is jammed. You may also see a message on your screen.
	If paper is out, load more paper, then press the  maintenance button to resume printing.
	If paper is jammed, press the  maintenance button to eject the paper. If that doesn't work, turn off the printer, open the cover, and pull the paper out from the front, including any torn pieces. Then turn on the printer, reload paper, and press the  maintenance button.
	If you see an ink out message on your screen, you need to replace one of your ink cartridges. Replace the cartridge as described on page 6.
Red  error light flashes	One of the ink cartridges is low. Make sure you have a replacement cartridge.
Green  power light off and red  error light on	Paper may be blocking movement of the print head. Turn off the printer, open the cover, and remove any jammed paper or other foreign objects. Then turn the printer on again. If the lights are still on, contact your dealer or EPSON.
Green  power light and red  error light flash	The printer may have an internal error. Turn off the printer, wait a few seconds, and turn it on again. If the lights are still flashing, contact your dealer or EPSON.

## Installing the First Ink Cartridges

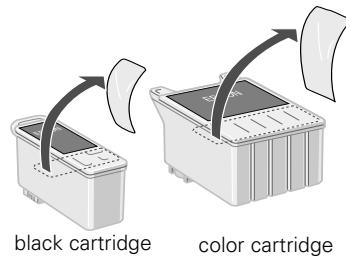
1. Turn on the printer.
2. Open the output tray and printer cover.



3. Lift up the ink cartridge clamps.

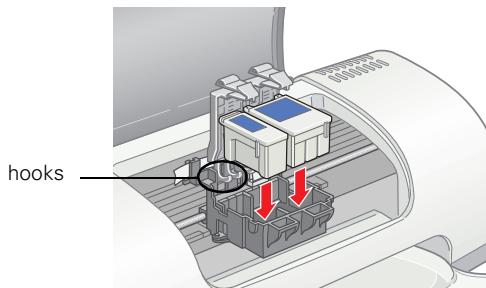


4. Unpack the ink cartridges that came with your printer and remove the yellow tape.



Don't remove the seals from the bottom of the cartridges; ink will leak out. Install both cartridges or the printer won't work. Keep the cartridges out of the reach of children.

5. Tilt each cartridge toward you as you lower it. Make sure the tabs rest on the hooks.



Don't place the cartridge tabs under the hooks, or you may damage the clamp when you close it.



6. Lower the clamps so they snap shut.

7. Press the  ink replacement button and close the printer cover. The green  power light flashes and you hear the ink charging.



Don't turn off the printer or interrupt charging while the  power light is flashing or you'll use up more ink than necessary when you turn it back on.

## Testing the Printer

You can run a printer check to determine whether a problem comes from the printer itself or some other source.

1. Make sure both the printer and computer are turned off. Then disconnect the interface cable from the printer.
2. Make sure letter-size or larger plain paper is loaded in the printer.
3. Hold down the  maintenance button, then press and release the  power button. Continue holding down the  maintenance button until the green  power light starts to flash, then release it.

The printer prints one page showing its ROM version number, the percentage of ink remaining, and a nozzle check pattern. (If the pattern has white lines, you need to clean the print head; see page 7.)

4. Turn off the printer after it prints the check page. Then reconnect the cable and turn on your printer and computer.
- If the check page prints, the problem probably lies in your software settings, interface cable, or computer. Your software may not be installed correctly.
  - If the check page doesn't print, you may have a problem with your printer. Try the suggestions in the *Printer Basics* book. If nothing works, contact your dealer or EPSON.

## Printing on Special Media

Select the Media Type setting according to these guidelines:

For this paper name...	Select this Media Type setting
Plain paper and envelopes EPSON Premium Bright White Paper	Plain paper
EPSON 360 dpi Ink Jet Paper EPSON Iron-On Cool Peel Transfer Paper	360 dpi Ink Jet Paper
EPSON High Quality Ink Jet Paper EPSON Photo Quality Ink Jet Paper EPSON Photo Quality Ink Jet Cards EPSON Photo Quality Self Adhesive Sheets	Photo Quality Ink Jet Paper
EPSON Photo Paper EPSON Photo Quality Glossy Paper EPSON Glossy Photo Greeting Cards	Photo Paper
EPSON Premium Glossy Photo Paper EPSON Premium Semigloss Photo Paper	Premium Glossy Photo Paper
EPSON Photo Quality Glossy Film EPSON Photo Stickers	Photo Quality Glossy Film
EPSON Ink Jet Transparencies	Ink Jet Transparencies
EPSON Matte Paper - Heavyweight EPSON Double-Sided Matte Paper	Matte Paper - Heavyweight

## Additional Paper Loading Guidelines



Don't use the cleaning sheets that may be included with your special media; they may damage the printer.

- Always load paper short edge first, even when printing landscape-oriented pictures.
- Always handle sheets by the edges, and don't touch the printable surface.
- Be sure to load the printable (whiter) side of the paper face up in the sheet feeder.
- You can load paper up to the arrow inside the left edge guide.
- In addition to the **Media Type** setting, remember to select the correct **Paper Size** for your media in the printer software.
- If there are protective sheets between the sheets of paper or film, be sure to remove the protective sheets before printing.
- Some special media have a cut corner that you need to position on the upper right.
- You can load the following number of sheets of EPSON special media:

For this paper name...	Load this number of sheets
EPSON 360 dpi Ink Jet Paper	Up to 30 sheets
EPSON Photo Quality Ink Jet Paper	Up to 30 sheets; 10 sheets for legal-size
EPSON Photo Quality Ink Jet Cards EPSON Glossy Photo Greeting Cards	Up to 30 cards with the included support sheet beneath the stack
EPSON Photo Quality Glossy Film	Up to 20 sheets (one sheet at a time for A6-size) with the included support sheet or a sheet of plain paper beneath the stack
EPSON Photo Quality Self Adhesive Sheets EPSON Iron-On Cool Peel Transfer Paper EPSON Photo Stickers EPSON Photo Paper (Panoramic size) EPSON Premium Glossy Photo Paper EPSON Premium Semigloss Photo Paper EPSON Double-Sided Matte Paper	One sheet at a time
EPSON Ink Jet Transparencies	Up to 10 sheets
EPSON Photo Paper (4 x 6-inch size)	Up to 20 sheets with the included support sheet beneath the stack
EPSON Photo Paper (A4- and letter-size)	One sheet at a time with the included support sheet beneath the sheet
EPSON Matte Paper - Heavyweight	Up to 20 sheets with the included support sheet beneath the stack

## Replacing an Ink Cartridge



To ensure good results, use genuine EPSON ink cartridges and don't refill them. Other products may cause damage to your printer not covered by EPSON's warranty.

You cannot print if either cartridge is empty. Leave the empty cartridge installed until you have obtained a replacement. Otherwise, the remaining ink in the nozzles may dry out.

Use these ink cartridges within six months of installing them and before the expiration date on the package:

- Black: T028201
- Color: T029201

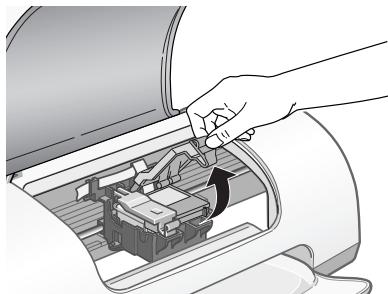
**Low ink:** red  $\Delta$  error light flashes and a status screen appears telling you which cartridge is low.

**Empty cartridge:** red  $\Delta$  error light stays lit and the empty cartridge is indicated on the screen; you must replace it to continue printing. The red  $\Delta$  error light also comes on if your paper runs out or is jammed, so make sure you check your paper before replacing a cartridge.

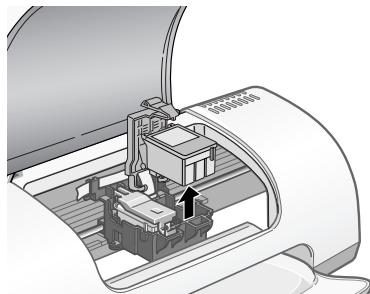
1. Open the printer cover and press the  ink replacement button. The print head moves to the center and the lights flash.



2. Lift up the ink cartridge clamp. The cartridge rises up from its holder.

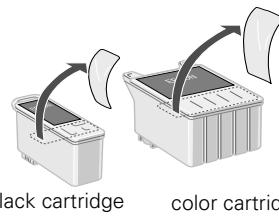


3. Remove the cartridge and dispose of it carefully.



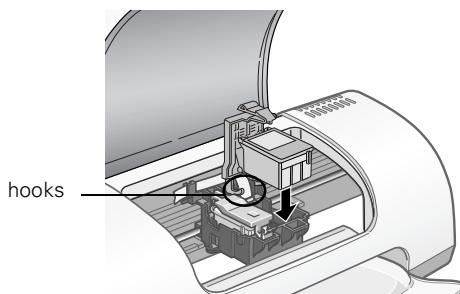
Keep cartridges out of the reach of children and do not drink the ink. If ink gets on your hands, wash them with soap and water. If it gets in your eyes, flush them immediately with water.

4. Unpack the new ink cartridge and remove the yellow tape.



You must remove the yellow tape from the top of the cartridge or you will permanently damage it. Don't try to remove the clear seal underneath the cartridge. Don't touch the green circuit board on the back of the cartridge, or you may inhibit normal operation and printing.

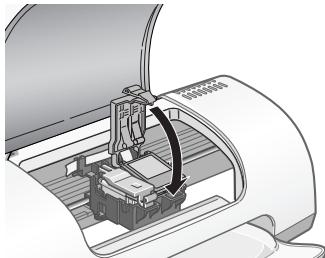
5. Tilt the new cartridge toward you slightly as you insert it. Lower the cartridge so that the tabs rest on the hooks.



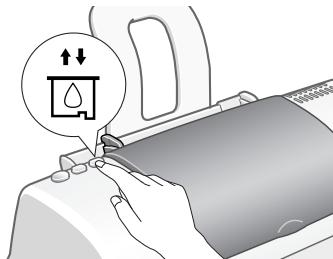
Don't place the cartridge tabs under the hooks; you may damage the clamp when you close it.



6. Press down firmly on the ink cartridge clamp until it snaps in place.



7. If you need to replace the other ink cartridge, repeat steps 2 through 6 before continuing with step 8.
8. Press the  ink replacement button and close the printer cover. The printer begins charging the ink delivery system.



9. Wait until ink charging is finished (the  power light stops flashing and the red  error light goes out).

## Cleaning the Print Head

If your printouts are unexpectedly light or faint, or dots or lines are missing from the image, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Print head cleaning uses ink, so clean it only if quality declines.

This section explains how to clean the print head using the Head Cleaning utility. This is the recommended method when the printer is connected directly to your computer (not over a network).

You can also clean the print head by holding down the  maintenance button on the printer's control panel for three seconds when the red  error light is off. See the Print Show movies or electronic *Reference Guide* for detailed instructions.



When you don't turn on your printer for a long time, the print quality can decline. It's a good idea to turn on your printer at least once a month to maintain good print quality.

## Running the Head Cleaning Utility

1. Make sure the printer is turned on but not printing, and the red  error light is off. (If the red light is flashing or on, you may need to replace the ink cartridge; see page 6 for details.)
2. Do one of the following:
  - Windows: right-click the  Status Monitor 3 icon on the right side of the Windows taskbar. Then click Head Cleaning.
  - Macintosh: Open the File menu and choose Page Setup or Print. Click the  Utility button, then click the  Head Cleaning button.
3. Follow the instructions on the screen to clean the print head. Cleaning takes about 30 seconds, during which the printer makes some noise and the green  power light flashes.



Never turn off the printer while the  power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

4. When the green  power light stops flashing, run a nozzle check to confirm the print head nozzles are clean. Make sure plain paper (not special ink jet paper) is loaded in the printer and click Print Nozzle Check Pattern. Then click Print. The nozzle check pattern prints (see the next section for details).
5. If the nozzle check pattern has no gaps or lines, click Finish. If the pattern has white lines, click Clean to clean the print head again.

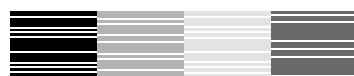
If you don't see any improvement after cleaning three or four times, check the solutions in your *Printer Basics* book. You can also turn the printer off and wait overnight—this allows any dried ink to soften—and then try cleaning the print head again.

## Examining the Nozzle Check Pattern

Examine the nozzle check pattern you print. Each black and colored area should be complete, with no gaps or lines, as shown below:



- If your printout looks okay, you're done.
- If any dots or lines are missing (as shown below), clean the print head again; see the previous section for instructions.



## Aligning the Print Head

If your printouts contain misaligned vertical lines, you may need to align the print head. Your printer must be connected directly to your computer (not on a network), to use the Print Head Alignment utility.

1. Make sure the printer is turned on, but not printing, and letter-size plain paper (**not** special ink jet paper) is loaded.



Load paper that's at least 8.27 inches (210 mm) wide to prevent ink from spraying inside the printer and smudging your printouts.

2. Do one of the following:

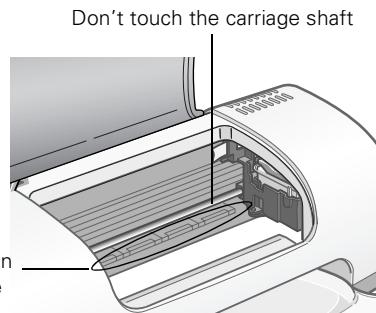
- Windows: right-click the Status Monitor 3 icon on the right side of the Windows taskbar. Then click Print Head Alignment.
  - Macintosh: Open the File menu and choose Page Setup or Print. Click the Utility button, then click the Print Head Alignment button.
3. Follow the instructions on the screen to print a test page. You see the alignment window.
  4. On the printed page, select the pattern that shows the two vertical lines most precisely printed on top of each other. You may need to use a magnifying glass.  
Select one pattern each for rows 1, 2, and 3. Then enter the number of the best pattern for each row in the corresponding boxes on the screen.
  5. Click **Realignment** to print another test page. Make sure the pattern numbered 8 in each row is the best aligned. If not, repeat steps 4 and 5.
  6. When you're finished, click **Finish**.

## Cleaning the Printer

To keep your printer working at its best, you should clean it several times a year.

1. Turn off the printer, unplug the power cord, and disconnect the printer cable.
2. Remove all paper, then use a soft brush to clean any dust or dirt from the sheet feeder.
3. Clean the exterior of the printer with a soft, damp cloth.

4. Clean ink out of the printer's interior with a soft, damp cloth.



Don't touch the carriage shaft.

Don't touch the gears inside the printer.

Never use a hard or abrasive brush, or alcohol or thinner for cleaning; they can damage the printer components and case.

Don't get water on the printer components and don't spray lubricants or oils inside the printer.

Don't use any cleaning sheets included with special paper; they may jam inside the printer.

## Transporting the Printer

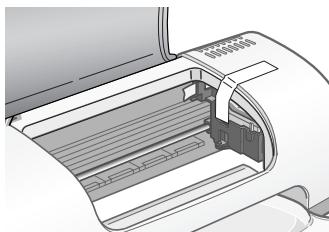
If you move your printer some distance, you need to prepare it for transportation in its original box or one of a similar size.



To avoid damage, always leave the ink cartridges installed when transporting the printer.

Be sure to remove the tape used in step 4 after installing the printer in its new location.

1. Turn on the printer, wait until the print head locks in the far right position, then turn off the printer.
2. Unplug the power cord from the electrical outlet. Then disconnect the printer cable from the printer.
3. Remove any paper from the printer and remove the paper support.
4. Open the printer cover. Secure the ink cartridge holder to the printer with tape as shown, then close the printer cover.



5. Push in the output tray extension and close the tray.
6. Repack the printer and its attachments in the original box using the protective materials that came with them. See your *Start Here* sheet.

Keep the printer level as you transport it.

After transporting the printer, remove the tape securing the print head and test your printer. If you notice a decline in print quality, clean the print head (see page 7); if output is misaligned, align the print head (see page 8).

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## Related Documentation

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TM-SC60	EPSON Stylus C60 Service Manual
PL-SC60	EPSON Stylus C60 Parts Price List
CPD-12569	EPSON Stylus C60 <i>Start Here</i>
CPD-12568	EPSON Stylus C60 <i>Printer Basics</i>
CPD-12570	EPSON Stylus C60 CD-ROM with Print Show movies and <i>Reference Guide</i>

